

## ER-2 #806 07/05/16

**Aircraft:**

[ER-2 #806](#) ([See full schedule](#))

**Flight Number:**

16-6032

**Payload Configuration:**

AirMSPI, CPL, SPEX

**Nav Data Collected:**

Yes

**Total Flight Time:**

4.5 hours

**Comments:**

The purpose of today's flight was to perform a HAP science mission targeting the Central Valley of CA. Ship 806 took off at 1028L and landed at 1500 for a 4.5 hour mission. Just after takeoff, the SPEX team requested an instrument reset because of a timing issue. After reset the timing issue was resolved. There were no instrument faults or fail lights during the flight. Stu said the sky was clear but with a low, general haze. The ER-2 was very stable at altitude but with a very slight Dutch-roll. Apparently, this is an attribute of 806. All targets were hit as planned. One target was changed over Fresno. Today's flight had a successful underflight of the MISR satellite in the Modesto area. Unfortunately, the Modesto ground station was inoperative. The flight plan for Thursday's flight will be modified because of the Modesto ground station status. Today's flight was considered marginally successful because of Modesto and the sky was too clear! Stu Broce was the pilot.

**Submitted by:**

Kevin Walsh on 07/05/16

**Flight Segments:**

<b>From:</b>	PMD	<b>To:</b>	PMD
<b>Start:</b>	07/05/16 17:28 Z	<b>Finish:</b>	07/05/16 22:00 Z
<b>Flight Time:</b>	4.5 hours		
<b>Log Number:</b>	<a href="#">162014</a>	<b>PI:</b>	Olga Kalashnikova
<b>Funding Source:</b>	Hal Maring - NASA - SMD - ESD Radiation Science Program		
<b>Purpose of Flight:</b>	Science		

**Flight Hour Summary:**

	<b>162014</b>
<b>Flight Hours Approved in SOFRS</b>	15
<b>Total Used</b>	11.1
<b>Total Remaining</b>	3.9

**162014 Flight Reports**

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
<a href="#">07/05/16</a>	16-6032	Science	4.5	4.5	10.5
<a href="#">07/07/16</a>	16-6033	Science	3.5	8	7
<a href="#">07/08/16</a>	16-6034	Science	3.1	11.1	3.9

*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*

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